

DIGITAL CREDENTIAL USAGE REPORTING

ABSTRACT

An credential verification service (CVS) authenticates
5 digital credentials, such as, digital certificates, at the
request of online service providers. The CVS stores the
authentication results and transaction information in a
central activity log. The transaction information can include
a size of the transaction, the online service requesting the
10 authentication, an internet protocol (IP) address of a
computing device originating the transaction and the goods or
services involved in the transaction. The CVS generates an
activity report from the activity log that lists the
authentication results and the transaction information. A
15 fraud detection module within the CVS analyzes the activity
log to identify any unusual patterns in order to identify
fraudulent activities or general misuse of the digital
credential.

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